



**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
AND REVOCATION OF PRIOR POWERS**

Honorable Commissioner of  
Patent and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

As Assignee of record of the entire right, title, and interest, the undersigned corporation **SAMSUNG ELECTRONICS CO., LTD.**, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea, hereby revokes all previous powers of attorney and appoints the attorneys and/or agents of **Staas & Halsey LLP**, under USPTO Customer No. **21171**, to prosecute and transact all business in the U.S. Patent and Trademark Office for the following listed patent applications:

Docket No.	Serial No.	Filing Date	Recordation Date	Reel	Frame
1901.1335	11/072,492	3/7/2005	3/7/2005	16361	11
1901.1336	11/059,354	2/17/2005	2/17/2005	16286	674
1901.1337	11/066,428	2/28/2005	2/28/2005	16336	222
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1901.1339	11/100,416	4/7/2005	4/7/2005	16451	594
1901.1340	11/125,076	5/10/2005	5/10/2005	16545	817
1901.1341	11/401,223	4/11/2006	4/11/2006	17782	757
1901.1362	10/717,621	11/21/2003	2/11/2003	13753	110
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1901.1365D	11/717,197	3/13/2007	1/17/2003	13679	587
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1907.1278	11/837,894	8/13/2007	8/15/2007	19732	470
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1911.1189	11/652,051	1/11/2007	1/11/2007	18798	637
1911.1190	11/923,971	10/25/2007	10/26/2007	20053	21
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1905.1019D	11/655,915	1/22/2007	2/27/2003	13830	121

All correspondence and telephone communication should be directed to:

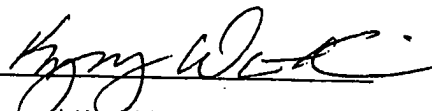
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USPTO Customer No. 21171

**ASSIGNEE CERTIFICATION**

The undersigned Assignee further status that the registered attorneys and/or agents, indentified in the new power of attorney above, are empowered and authorized to sign the statement(s) and certification(s) under 37 C.F.R. § 3.73(b) on behalf of the Assignee. Attached to this power is/are "CERTIFICATE(S) UNDER 37 C.F.R. §3.73(b)".

Date: 5/18/2009  
Month-Day-Year Format

Signature:   
Name: Dr. Kyungok Wun-Kim

Title: Group Leader  
Intellectual Property Prosecution Group  
Samsung Electronics Co.  
(Samsung Advanced Institute of Technology)